

Fig.1

Start

AK012157 1' AAACCNTTTTCTGCGGCACAGCTTCCTCCCTAGG-CGTGAGACTCCGGCTCCTTCACTATGA
S74257 1" TTTTTTTGTGCCACTGCTTCCTCTCTAGC-CGTGAGACTCCAGCTACTTCACTATGC
FLJ21763 1" GGAGGACTTCTGCAGCACAGCTCCCTTCCCAGGACGTGAAAATCTGCCTTC-TCACCATGA
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AK012157 61' GACTTCTAGCCCTTTCCGGTCTGCTCTGCATGCTGCTCCTCTGTTTCTGCATTTTCTCCT
S74257 57" GACTTCTCACCCTCTCCGGTTTGTTCTTTCATGCTGTTCTCCTCTGTCTCTGCGTTCTCTCCT
FLJ21763 120" GGCTTCTAGTCCTTTCCAGCCTGCTCTGTATCCTGCTTCTCTGCTTCTCCATCTTCTCCA
* ***** *** ** * ** *** ** ***** ***** *** * *****
| intron start

AK012157 121' CAGAAGGGAGAAGACATCCTGCCAAGTCCTTGAAACTCA-----GGCGCTGCTGTCA
S74257 117" CAGAAGGGAGAAAGCGTCCTGCCAAGTTCCCGAAACTCA-----GGCCCTGCTGTCA
FLJ21763 180" CAGAAGGGAAGAGGCGTCCTGCCAAGGCCTGGTCAGGCAGGAGAACCAGGCTCTGCTGCCA
***** * * ***** * * * **-----*** ***** **
| intron start

AK012157 181' CCTATCTCCTAGATCCAAGCTGACAACCTGGAAAGGAAACCACACAAGGCCCTGCAGACT
S74257 176" TCTATCTCCTAGATCCAAACCAATAACCTGGAAAGGAAACCACACAAGACCCTGCAGACC
FLJ21763 240" CCGAGTCCCTAGCCCCAACTCAACAAACCTGAAAGGACATCATGTGAGGCTCTGTAAACC
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stop
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AK012157 241' CTGCAGAAACAAGCTACCAGTCAAGTCAT-GGGTGGTGCCTGGGGCTCTCCACAGATAT
S74257 235" ATGCAGAAA---GCTAGAATCCAATTTCAT-GGGTGGTGCCTGGGGCTCTCCACAGATAT
FLJ21763 300" ATGCAAGCTTGAGCC-AGAGCCCCGCCCTTTGGGTGGTGCCTGGGGCACTCCACAGGTGT
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AK012157 299' AGGGCCT-----CCTCCGCCAGAG----TGA-AGCGTTG-----ATGCCAG--
S74257 292" AGGGCCTCCCGAAGCTGGCCTCCACCGAGA----TGA-AACGTTG-----ATGTCCAG--
FLJ21763 359" AG-CACT-----CCCAAAGCAAGACTCCAGACAGCGGAGAACCTCATGCCTGGC
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Fig. 2

AK012157 349' ATGTGGAGACACCAGAAGCATACACTATGTTGCCTTGCCCCTTGCCAATGAGCTGTGA
 S74257 349" TTATGGAGACA--ACCTTC-TGGCCCCTA-CCAACCTT---CATGGCCAGAAAGCTGTGA
 FLJ21763 418" ACCTGAGGTACCCAGCAGCCTCCTGTCTCCCCTTTCAGCCTTCACAGCAGTGAGCTGCAA
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AK012157 409' CACTGGAATGCTTCACTTCAGACATC-AGGGCGGATGG---ATTGCAGAATTCCAAGTCCTCATTCCAAAG
 S74257 405" CACCAGAATGTTTCACTTCAGAC-----AGCTGGAAGG---ATTACAGAATTCCAAGCCCTCGTTCCAAAG
 FLJ21763 478" TGTGGAGGGCTTCATCTCGGGCTGCAAGGACCCTGGGAAAGTTCCAGAACTCCACGTCCTGTCTCAATT
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AK012157 469' GTGTACCAACCTTCAGAGTCACTAAGGTCCAGGCTCAGCC-CACAAGTCACCATGGCTC
 S74257 460" GTGCAACCAACCTTCAGAGTCACTATGATCCAGGGTCAGCC-CACAAGTCTTCATGGCTC
 FLJ21763 538" GTGCCATCAACTTTCAGAGCTATCATGAGCCAACCTCAGCCTTCGAGTAGCTGGGATTA
 *** * ***** ***** * * * *** *****- * *** * *

AK012157 529' CTCCAGAGTAAAAGTCCAAGATTCCACCTGTGGGAGCTACAGATCCAGAGACTTTCAAGC
 S74257 520" CTGCAGAGTAAAAGTCCAAGATTCCATCCCTGGGAGCTACAGATTACAGAGACTTCCAAGC
 FLJ21763 598" CAGGTGTGCGCCACCACCCGGCTAATTTTTGCTTTTTTTTTTTTGAGACAGAATCTC
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AK012157 589' TGA CTAGAGTGCAGAGAAG-CAAGACCTCAGTGTGATCAGCCGAGACTACAGCATCTTGG
 S74257 580" TGA CTGGCGAACAGAGTAG-CAAGACTTCCTTGTGATCAGATGAGATTACAGCATCTTAG
 FLJ21763 658" GCTCTGTTGCTCAGGCTGGAGTGGAGTGCAGTGGCAGGATCTCAGCTCACTGCAGCCTCT
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AK012157 649' GAACCCTCAGTCAGCCCCAAACCCCTAAGACTTAACCACTGGTCTCAAACCAACACCTG
 S74257 640" GAACCCTCGGACACCCCCAAACCCATAGCATTTAATCAACGGGATATGAACCAACTCCTG
 FLJ21763 718" G--CCTCCCGGGTTTCAGGAGATTCTCCTGACTCAACCTCCTGAGTAGCTGGGATTACAGG
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AK012157 709' TAACTTCCTAATGAAATCATCAGGAGGATACCAAAAAGAAATAAACCATAAATCAGCATACACAG
 S74257 700" TAACTTCCTAATGTAATCACCAGGAGAACACCAAAAATAATAAATCATAAATCAATGT
 FLJ21763 776" TGCCTGCCACTATGCCTAGCTAATTTTTGTATTTTGTAGTGGAGACGGGGTTTTGCCGTGTTGGCC
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GGGGTGGTCTCGAACTCCTGACCTCAAGTGATCCACCCGCATCGGCCCCCAAAG

Fig. 3

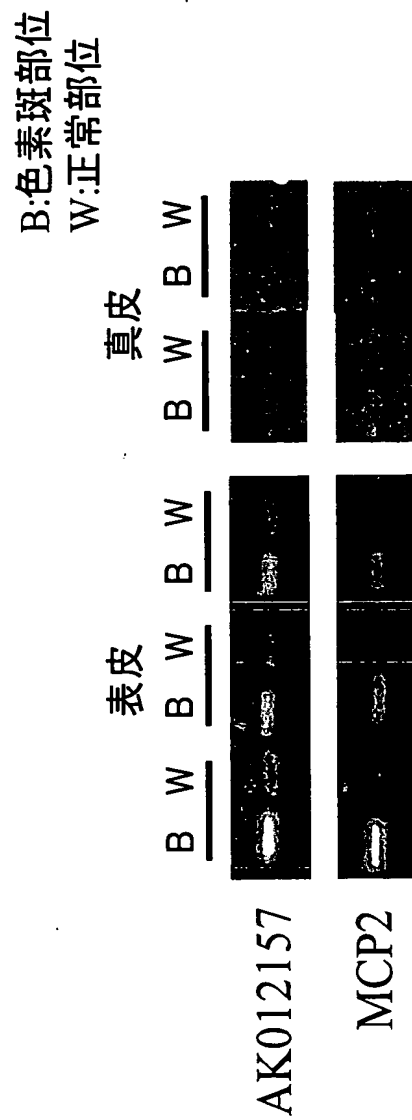
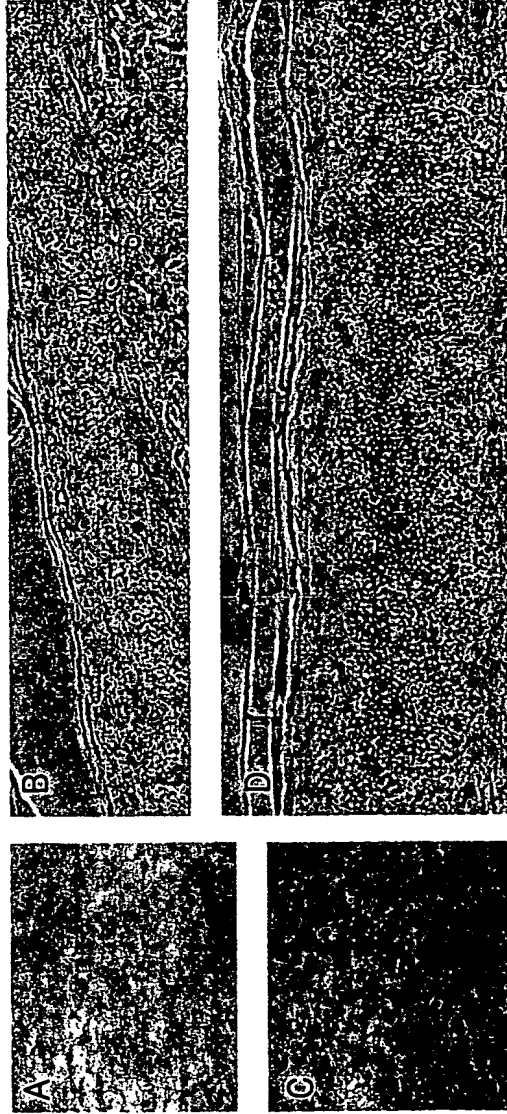


Fig.4

(紫色：AK012157 発現部位、茶色：メラニン)



x400

Fig. 5

(緑蛍光:MCP-2発現部位)

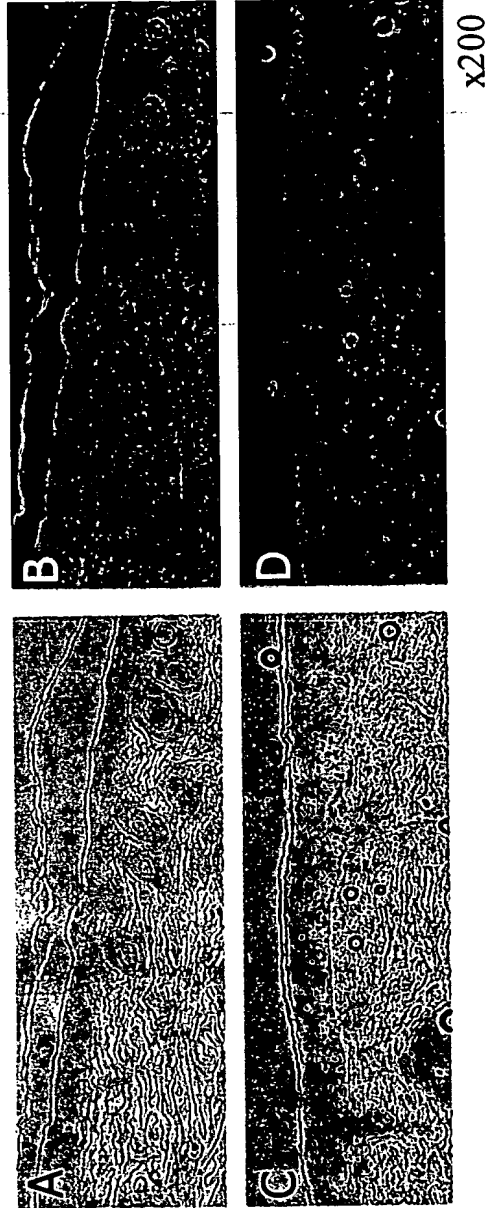


Fig.6

B:色素斑部位
W:正常部位

